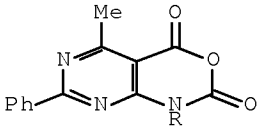
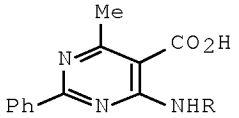
TITLE: Process for preparing novel 2H-pyrimido[5,4-d][1,3]oxazine-2,4-diones
INVENTOR(S): Machon, Zdzislaw; Cieplik, Jerzy; Mulczyk, Marian
PATENT ASSIGNEE(S): Akademia Medyczna, Wroclaw, Pol.
SOURCE: Pol., 3 pp.
CODEN: POXXA7
DOCUMENT TYPE: Patent
LANGUAGE: Polish
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PL 130888	B2	19840929	PL 1982-238609	19821011

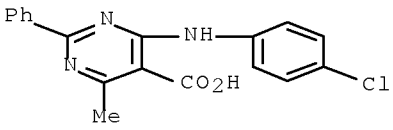
PRIORITY APPLN. INFO.: PL 1982-238609 19821011
OTHER SOURCE(S): CASREACT 110:192843
ED Entered STN: 26 May 1989
GI


I


II

AB The title compds. [I; R = 4-ClC6H4, 3,4-Cl2C6H3, 4,3-Cl(F3C)C6H3] are prepared by heating 2-phenyl-4-thio-6-methylpyrimidine-5-carboxylic acid with the corresponding anilines at 180-200°8 to obtain aminopyrimidine II which is treated with ClCO2Et at room temperature The overall yield of I was 21.7, 48, or 42% for R = 4-ClC6H4, 3,4-Cl2C6H3, or 4,3-Cl(F3C)C6H3, resp., after crystallization from Me2CO. The compds. inhibit the growth of Staphylococci, including Staphylococcus aureus, Streptococci, Corynebacteria, and other pathogens in concns. of 50-3 μg/mL.

IT 94036-97-2P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and cyclocondensation of, with Et chloroformate)
RN 94036-97-2 HCAPLUS
CN 5-Pyrimidinecarboxylic acid, 4-[(4-chlorophenyl)amino]-6-methyl-2-phenyl- (CA INDEX NAME)



IC C07D498-04
CC 28-16 (Heterocyclic Compounds (More Than One Hetero Atom))
Section cross-reference(s): 1
IT 94036-97-2P 94037-00-0P 118564-47-9P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and cyclocondensation of, with Et chloroformate)